

FILE 'HCAPLUS' ENTERED AT 15:13:22 ON 13 NOV 2002
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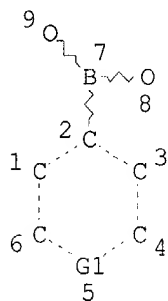
FILE COVERS 1907 - 13 Nov 2002 VOL 137 ISS 20
FILE LAST UPDATED: 12 Nov 2002 (20021112/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

CAS roles have been modified effective December 16, 2001. Please check your SDI profiles to see if they need to be revised. For information on CAS roles, enter HELP ROLES at an arrow prompt or use the CAS Roles thesaurus (/RL field) in this file.

=> d stat que

L1 STR



VAR G1=N/C
NODE ATTRIBUTES:
DEFAULT MLEVEL IS ATOM
DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:
RING(S) ARE ISOLATED OR EMBEDDED
NUMBER OF NODES IS 9

(FILE 'HCAPLUS' ENTERED AT 15:13:22 ON 13 NOV 2002)

SEL HIT RN L10

SEL HIT RN L14

FILE 'REGISTRY' ENTERED AT 15:15:35 ON 13 NOV 2002

SET COST OFF

L15 58 S E1-E58

L16 56 S L15 AND L3

=> d ide can l16 1-56

L16 ANSWER 1 OF 56 REGISTRY COPYRIGHT 2002 ACS

RN **436859-90-4** REGISTRY

CN 4,7-Phenanthroline, 4,7-bis[[3-(dihydroxyboryl)-5-
[(ethenylpyridinio)methyl]phenyl]methyl]- (9CI) (CA INDEX NAME)

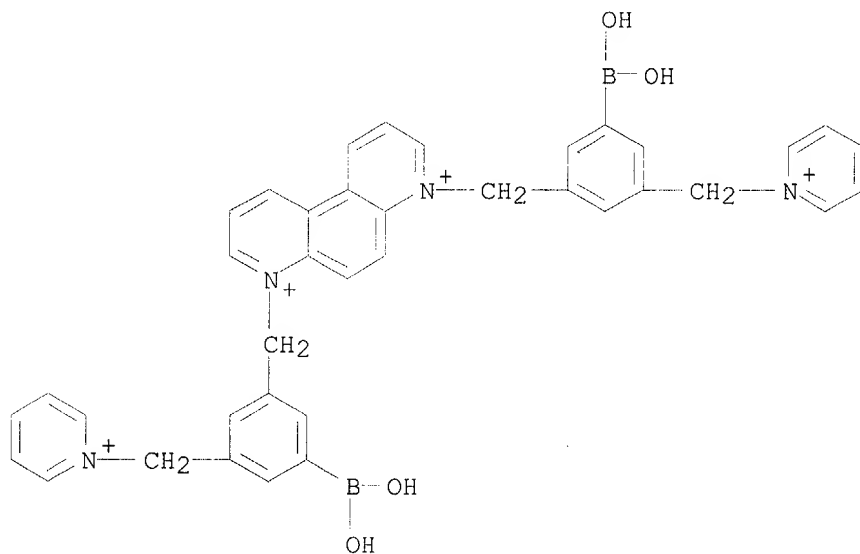
MF C42 H40 B2 N4 O4

CI IDS

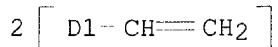
SR CA

LC STN Files: CA, CAPLUS

PAGE 1-A



PAGE 2-A



1 REFERENCES IN FILE CA (1962 TO DATE)

1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

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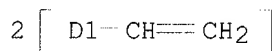
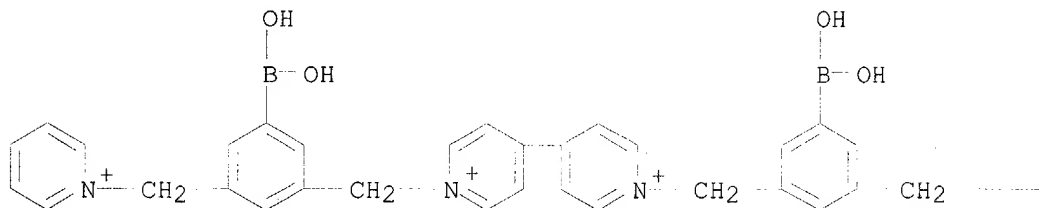
L16 ANSWER 2 OF 56 REGISTRY COPYRIGHT 2002 ACS

RN **436859-89-1** REGISTRY

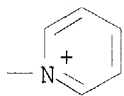
CN 4,4'-Bipyridinium, 1,1'-bis[[3-borono-5-[(ethenylpyridinio)methyl]phenyl]m

ethyl]- (9CI) (CA INDEX NAME)
 MF C40 H40 B2 N4 O4
 CI IDS
 SR CA
 LC STN Files: CA, CAPLUS

PAGE 1-A



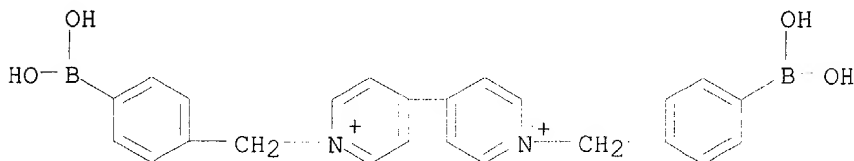
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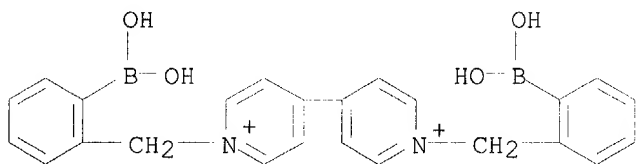
L16 ANSWER 3 OF 56 REGISTRY COPYRIGHT 2002 ACS
 RN 436853-69-9 REGISTRY
 CN 4,4'-Bipyridinium, 1,1'-bis[(4-boronophenyl)methyl]- (9CI) (CA INDEX NAME)
 MF C24 H24 B2 N2 O4
 CI COM
 SR CA
 LC STN Files: CA, CAPLUS



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 1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

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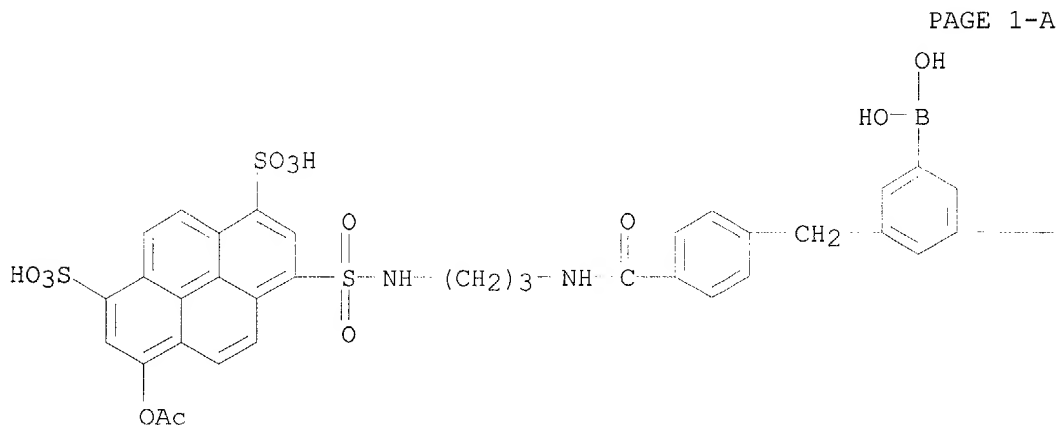
L16 ANSWER 4 OF 56 REGISTRY COPYRIGHT 2002 ACS
 RN **436853-68-8** REGISTRY
 CN 4,4'-Bipyridinium, 1,1'-bis[(2-boronophenyl)methyl]- (9CI) (CA INDEX NAME)
 MF C24 H24 B2 N2 O4
 CI COM
 SR CA
 LC STN Files: CA, CAPLUS



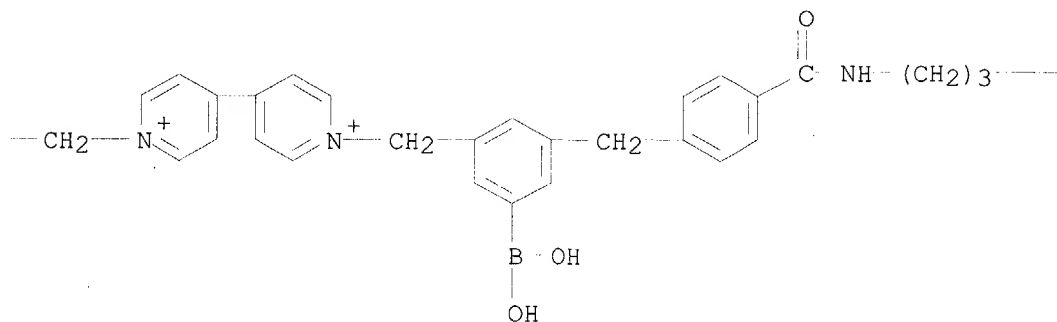
1 REFERENCES IN FILE CA (1962 TO DATE)
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REFERENCE 1: 137:30199

L16 ANSWER 5 OF 56 REGISTRY COPYRIGHT 2002 ACS
 RN **436853-67-7** REGISTRY
 CN 4,4'-Bipyridinium, 1-[[[3-[[4-[[[3-[[[8-(acetyloxy)-3,6-disulfo-1-pyrenyl]sulfonyl]amino]propyl]amino]carbonyl]phenyl]methyl]-5-boronophenyl]methyl]-1'-[[3-[[4-[[[3-aminopropyl]amino]carbonyl]phenyl]methyl]-5-boronophenyl]methyl]-, dibromide (9CI) (CA INDEX NAME)
 MF C64 H62 B2 N6 O16 S3 . 2 Br
 SR CA
 LC STN Files: CA, CAPLUS



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PAGE 1-C

—NH₂

1 REFERENCES IN FILE CA (1962 TO DATE)
1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

REFERENCE 1: 137:30199

L16 ANSWER 6 OF 56 REGISTRY COPYRIGHT 2002 ACS

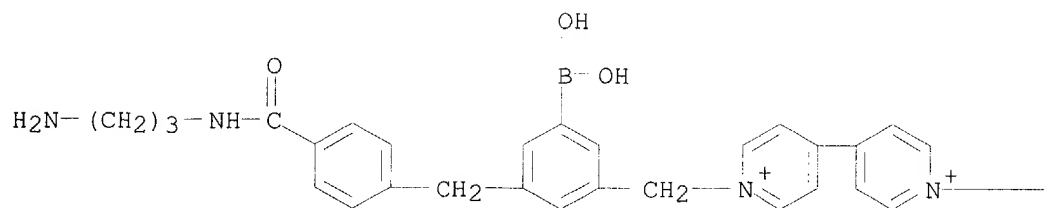
RN **436853-66-6** REGISTRY

CN 4,4'-Bipyridinium, 1,1'-bis[[3-[[4-[[[(3-aminopropyl)amino]carbonyl]phenyl]methyl]-5-boronophenyl]methyl]-, dibromide, dihydrochloride (9CI) (CA INDEX NAME)

MF C46 H52 B2 N6 O6 . 2 Br . 2 Cl H

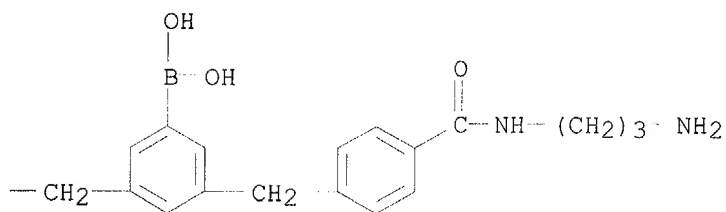
SR CA

LC STN Files: CA, CAPLUS



● 2 Br⁻

● 2 HCl



1 REFERENCES IN FILE CA (1962 TO DATE)
1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

REFERENCE 1: 137:30199

L16 ANSWER 7 OF 56 REGISTRY COPYRIGHT 2002 ACS

RN 436853-64-4 REGISTRY

CN 4,4'-Bipyridinium, 1,1'-bis[[3-borono-5-[(4-ethenylpyridinio)methyl]phenyl]
methyl]-, tetrabromide, polymer with 4,4'-[[8-(acetyloxy)-6-[[[3-[(2-
methyl-1-oxo-2-propenyl)amino]propyl]amino]sulfonyl]-1,3-
pyrenediyl]bis(sulfonylimino)]bis[butanoic acid] disodium salt (9CI) (CA
INDEX NAME)

MF (C40 H40 B2 N4 O4 . C33 H38 N4 O13 S3 . 4 Br . 2 Na)x

CI PMS

PCT Polyacrylic, Polyester, Polyester formed, Polysulfonamide, Polyvinyl

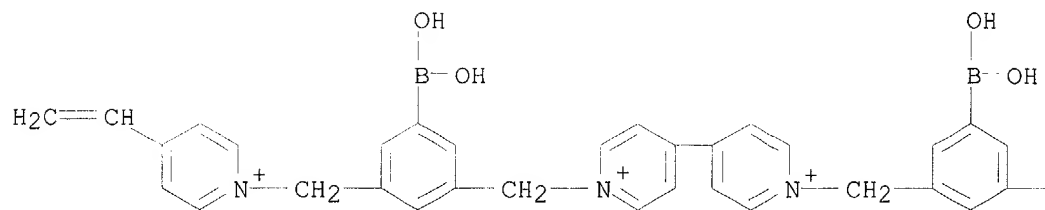
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LC STN Files: CA, CAPLUS

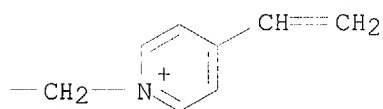
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CRN 436853-51-9

CMF C40 H40 B2 N4 O4 . 4 Br



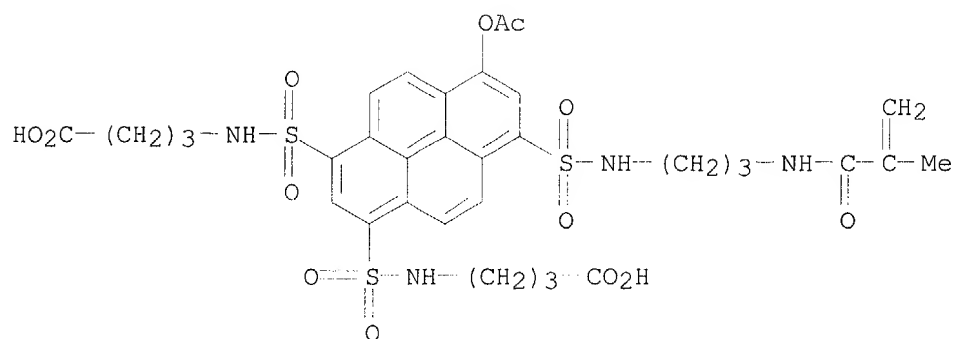
● 4 Br⁻



CM 2

CRN 436853-43-9

CMF C33 H38 N4 O13 S3 . 2 Na



● 2 Na

1 REFERENCES IN FILE CA (1962 TO DATE)

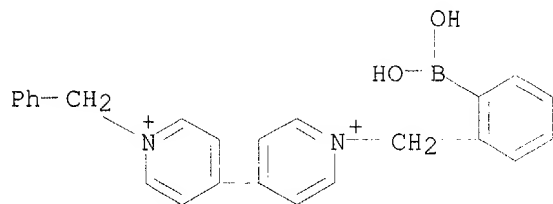
1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

REFERENCE 1: 137:30199

L16 ANSWER 8 OF 56 REGISTRY COPYRIGHT 2002 ACS

RN 436853-62-2 REGISTRY

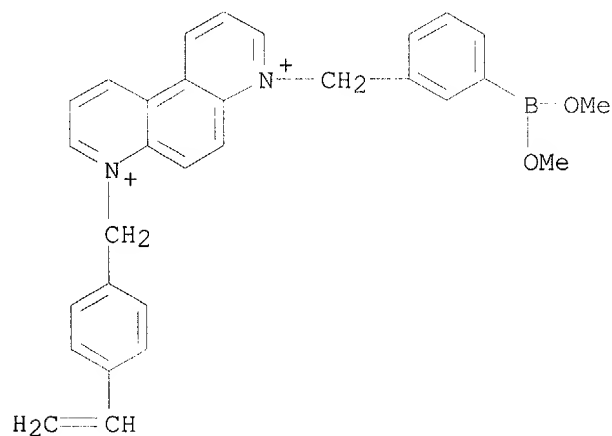
CN 4,4'-Bipyridinium, 1-[(2-boronophenyl)methyl]-1'-(phenylmethyl)- (9CI)
 (CA INDEX NAME)
 MF C24 H23 B N2 O2
 CI COM
 SR CA
 LC STN Files: CA, CAPLUS



1 REFERENCES IN FILE CA (1962 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

REFERENCE 1: 137:30199

L16 ANSWER 9 OF 56 REGISTRY COPYRIGHT 2002 ACS
 RN 436853-61-1 REGISTRY
 CN 4,7-Phenanthroline, 4-[[3-(dimethoxyboryl)phenyl]methyl]-7-[(4-ethenylphenyl)methyl]-, bromide chloride (9CI) (CA INDEX NAME)
 MF C30 H29 B N2 O2 . Br . Cl
 SR CA
 LC STN Files: CA, CAPLUS



● Cl⁻

● Br⁻

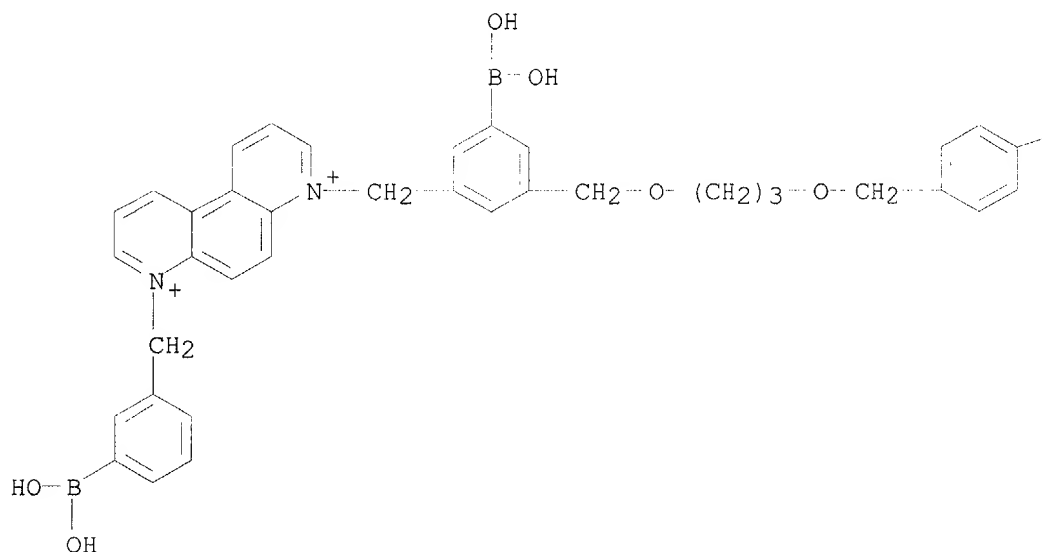
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 1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

REFERENCE 1: 137:30199

L16 ANSWER 10 OF 56 REGISTRY COPYRIGHT 2002 ACS
 RN 436853-58-6 REGISTRY

CN 4,7-Phenanthroline, 4-[[3-borono-5-[[3-[(4-ethenylphenyl)methoxy]propoxy]
 MF C39 H40 B2 N2 O6
 CI COM
 SR CA
 LC STN Files: CA, CAPLUS

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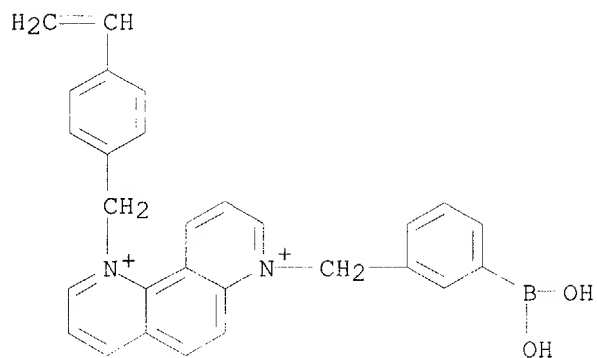
PAGE 1-B

CH=CH2

1 REFERENCES IN FILE CA (1962 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

REFERENCE 1: 137:30199

L16 ANSWER 11 OF 56 REGISTRY COPYRIGHT 2002 ACS
 RN 436853-57-5 REGISTRY
 CN 1,7-Phenanthroline, 7-[(3-boronophenyl)methyl]-1-[(4-ethenylphenyl)methyl]- (9CI) (CA INDEX NAME)
 MF C28 H25 B N2 O2
 SR CA
 LC STN Files: CA, CAPLUS

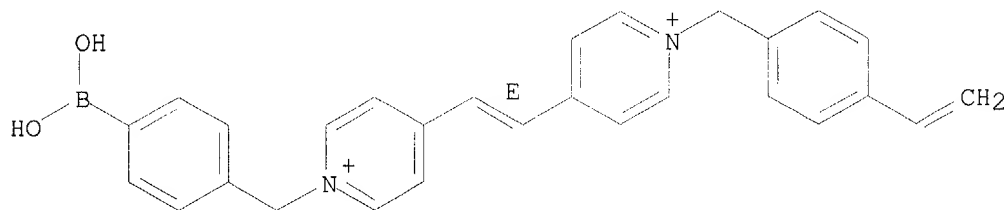


1 REFERENCES IN FILE CA (1962 TO DATE)
1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

REFERENCE 1: 137:30199

L16 ANSWER 12 OF 56 REGISTRY COPYRIGHT 2002 ACS
RN 436853-56-4 REGISTRY
CN Pyridinium, 1-[(4-boronophenyl)methyl]-4-[(1E)-2-[1-[(4-ethenylphenyl)methyl]pyridinium-4-yl]ethenyl]- (9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C28 H27 B N2 O2
SR CA
LC STN Files: CA, CAPLUS

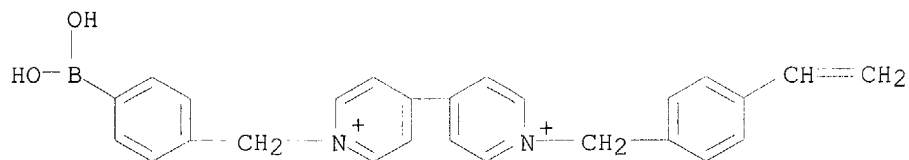
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1 REFERENCES IN FILE CA (1962 TO DATE)
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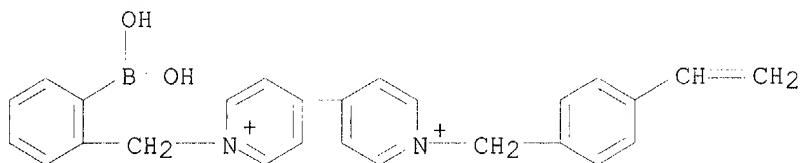
L16 ANSWER 13 OF 56 REGISTRY COPYRIGHT 2002 ACS
RN 436853-55-3 REGISTRY
CN 4,4'-Bipyridinium, 1-[(4-boronophenyl)methyl]-1'-[(4-ethenylphenyl)methyl]- (9CI) (CA INDEX NAME)
MF C26 H25 B N2 O2
CI COM
SR CA
LC STN Files: CA, CAPLUS



1 REFERENCES IN FILE CA (1962 TO DATE)
1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

REFERENCE 1: 137:30199

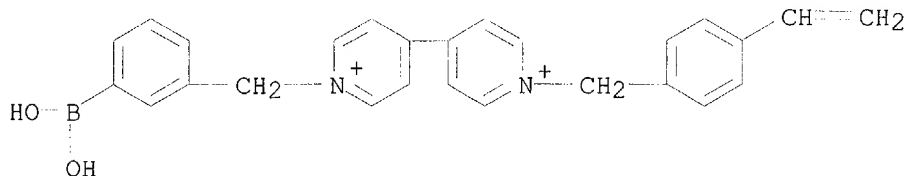
L16 ANSWER 14 OF 56 REGISTRY COPYRIGHT 2002 ACS
RN **436853-54-2** REGISTRY
CN 4,4'-Bipyridinium, 1-[(2-boronophenyl)methyl]-1'-[(4-ethenylphenyl)methyl]-
(9CI) (CA INDEX NAME)
MF C26 H25 B N2 O2
SR CA
LC STN Files: CA, CAPLUS



1 REFERENCES IN FILE CA (1962 TO DATE)
1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

REFERENCE 1: 137:30199

L16 ANSWER 15 OF 56 REGISTRY COPYRIGHT 2002 ACS
RN **436853-53-1** REGISTRY
CN 4,4'-Bipyridinium, 1-[(3-boronophenyl)methyl]-1'-[(4-ethenylphenyl)methyl]-
(9CI) (CA INDEX NAME)
MF C26 H25 B N2 O2
CI COM
SR CA
LC STN Files: CA, CAPLUS



1 REFERENCES IN FILE CA (1962 TO DATE)
1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

REFERENCE 1: 137:30199

L16 ANSWER 16 OF 56 REGISTRY COPYRIGHT 2002 ACS

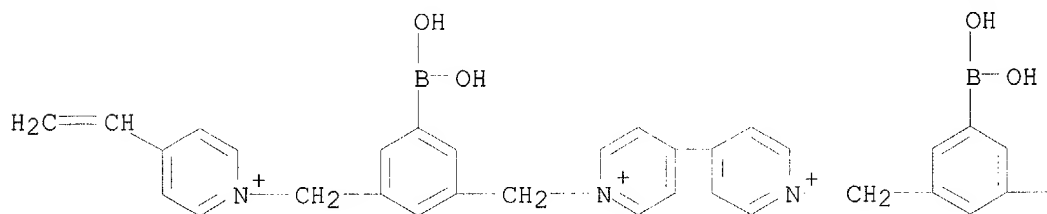
RN 436853-52-0 REGISTRY
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]methyl]-, tetrabromide, polymer with N,N',N''-[[8-(acetyloxy)-1,3,6-
 pyrenetriyl]tris(sulfonylimino-3,1-propanediyl)]tris[2-methyl-2-
 propenamide] (9CI) (CA INDEX NAME)
 MF (C40 H40 B2 N4 O4 . C39 H48 N6 O11 S3 . 4 Br)x
 CI PMS
 PCT Polyacrylic, Polyvinyl
 SR CA
 LC STN Files: CA, CAPLUS

CM 1

CRN 436853-51-9

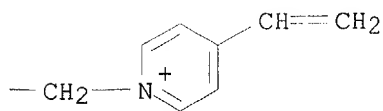
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● 4 Br⁻

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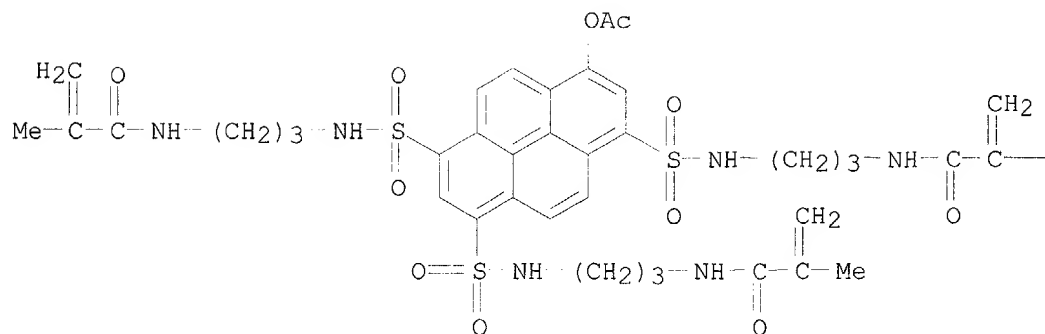


CM 2

CRN 436853-36-0

CMF C39 H48 N6 O11 S3

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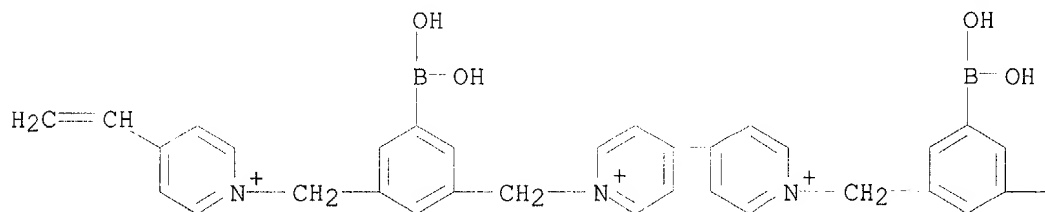
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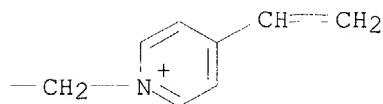
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L16 ANSWER 17 OF 56 REGISTRY COPYRIGHT 2002 ACS
RN **436853-51-9** REGISTRY
CN 4,4'-Bipyridinium, 1,1'-bis[[3-borono-5-[(4-ethenylpyridinio)methyl]phenyl
]methyl]-, tetrabromide (9CI) (CA INDEX NAME)
MF C40 H40 B2 N4 O4 . 4 Br
CI COM
SR CA
LC STN Files: CA, CAPLUS

PAGE 1-A



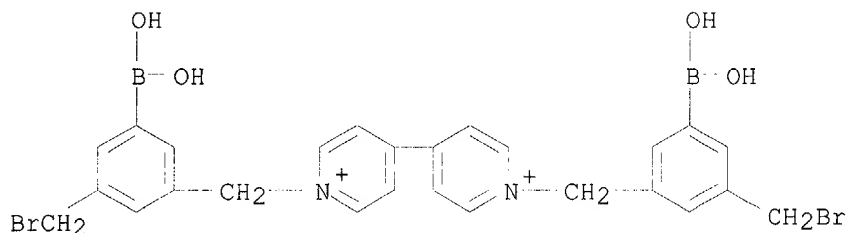
● 4 Br⁻



1 REFERENCES IN FILE CA (1962 TO DATE)
1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

REFERENCE 1: 137:30199

L16 ANSWER 18 OF 56 REGISTRY COPYRIGHT 2002 ACS
RN **436853-50-8** REGISTRY
CN 4,4'-Bipyridinium, 1,1'-bis[[3-borono-5-(bromomethyl)phenyl]methyl]-, dibromide (9CI) (CA INDEX NAME)
MF C26 H26 B2 Br2 N2 O4 . 2 Br
SR CA
LC STN Files: CA, CAPLUS

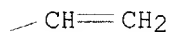
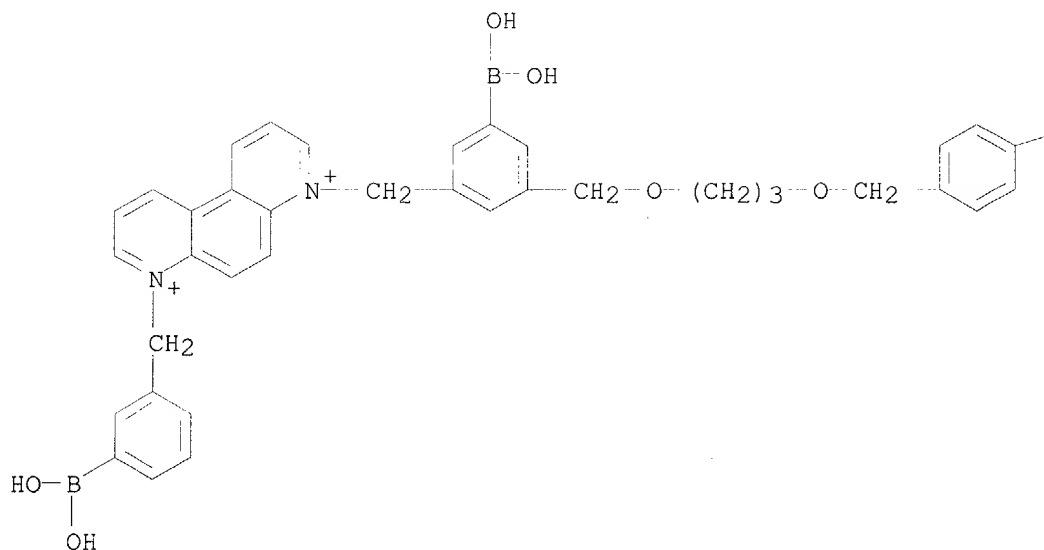


● 2 Br⁻

1 REFERENCES IN FILE CA (1962 TO DATE)
1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

REFERENCE 1: 137:30199

L16 ANSWER 19 OF 56 REGISTRY COPYRIGHT 2002 ACS
RN **436853-49-5** REGISTRY
CN 4,7-Phenanthroline, 4-[[3-borono-5-[[3-[(4-ethenylphenyl)methoxy]propoxy]methyl]phenyl]methyl]-7-[(3-boronophenyl)methyl]-, dibromide (9CI) (CA INDEX NAME)
MF C39 H40 B2 N2 O6 . 2 Br
SR CA
LC STN Files: CA, CAPLUS
CRN (436853-58-6)

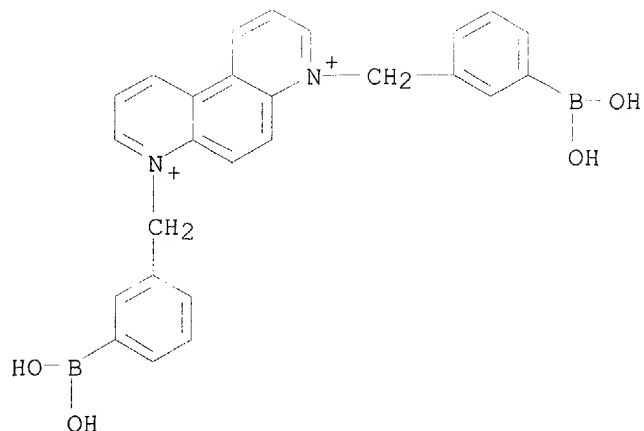


● 2 Br⁻

1 REFERENCES IN FILE CA (1962 TO DATE)
1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

REFERENCE 1: 137:30199

L16 ANSWER 20 OF 56 REGISTRY COPYRIGHT 2002 ACS
RN 436853-48-4 REGISTRY
CN 4,7-Phenanthroline, 4,7-bis[(3-boronophenyl)methyl]-, dibromide (9CI)
(CA INDEX NAME)
MF C26 H24 B2 N2 O4 . 2 Br
SR CA
LC STN Files: CA, CAPLUS

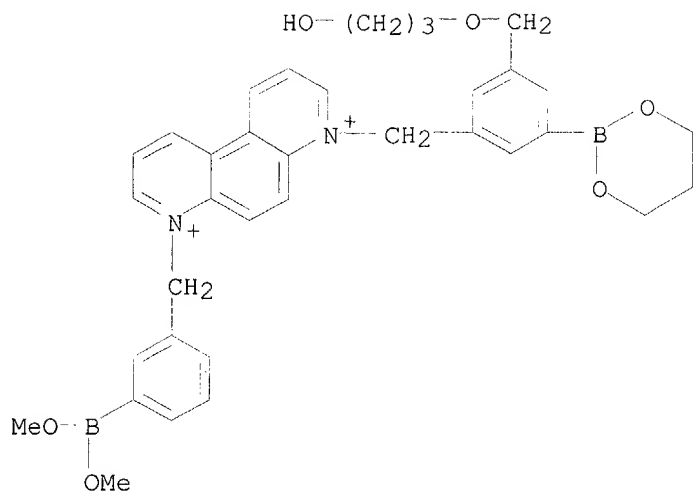


●2 Br⁻

1 REFERENCES IN FILE CA (1962 TO DATE)
1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

REFERENCE 1: 137:30199

L16 ANSWER 21 OF 56 REGISTRY COPYRIGHT 2002 ACS
RN **436853-47-3** REGISTRY
CN 4,7-Phenanthroline, 4-[[3-(dimethoxyboryl)phenyl]methyl]-7-[[3-(1,3,2-dioxaborinan-2-yl)-5-[(3-hydroxypropoxy)methyl]phenyl]methyl]-, dibromide (9CI) (CA INDEX NAME)
MF C35 H40 B2 N2 O6 . 2 Br
SR CA
LC STN Files: CA, CAPLUS



● 2 Br⁻

1 REFERENCES IN FILE CA (1962 TO DATE)
1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

REFERENCE 1: 137:30199

L16 ANSWER 22 OF 56 REGISTRY COPYRIGHT 2002 ACS

RN **436853-42-8** REGISTRY

CN 4,7-Phenanthroline, 4-[(3-boronophenyl)methyl]-7-[(4-ethenylphenyl)methyl]-, bromide chloride, polymer with N,N',N''-[[8-(acetyloxy)-1,3,6-pyrenetriyl]tris(sulfonylimino-3,1-propanediyl)]tris[2-methyl-2-propenamide] (9CI) (CA INDEX NAME)

MF (C39 H48 N6 O11 S3 . C28 H25 B N2 O2 . Br . Cl)x

CI PMS

PCT Polyacrylic, Polystyrene

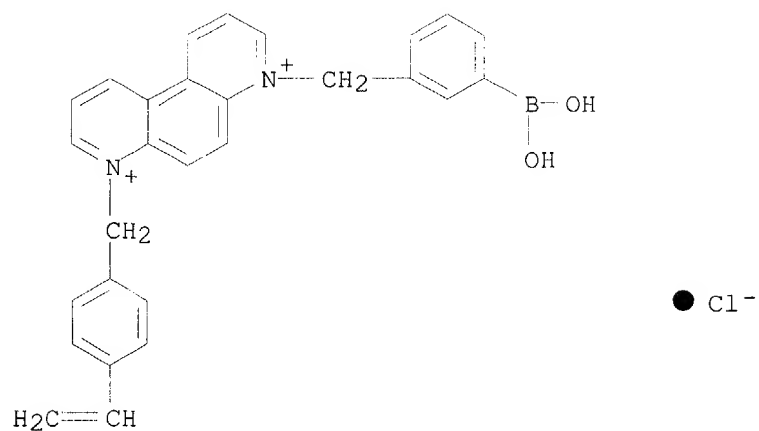
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LC STN Files: CA, CAPLUS

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CRN 436853-41-7

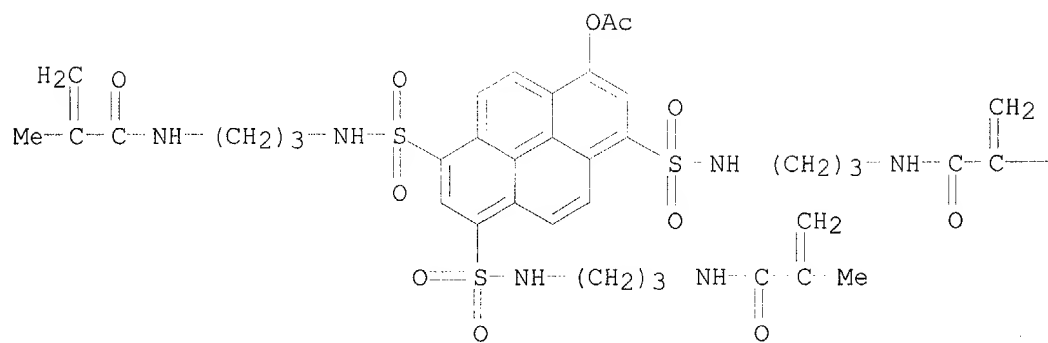
CMF C28 H25 B N2 O2 . Br . Cl



CM 2

CRN 436853-36-0
CMF C39 H48 N6 O11 S3

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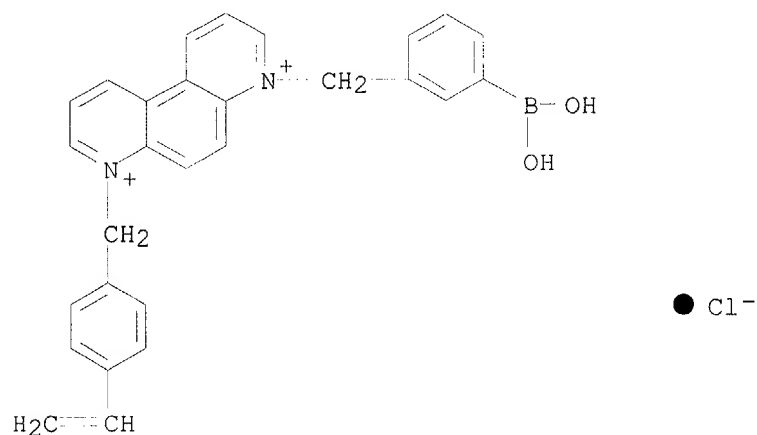
PAGE 1-B

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1 REFERENCES IN FILE CA (1962 TO DATE)
1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

REFERENCE 1: 137:30199

L16 ANSWER 23 OF 56 REGISTRY COPYRIGHT 2002 ACS
 RN 436853-41-7 REGISTRY
 CN 4,7-Phenanthroline, 4-[[3-(dihydroxyboryl)phenyl]methyl]-7-[(4-ethenylphenyl)methyl]-, bromide chloride (9CI) (CA INDEX NAME)
 MF C28 H25 B N2 O2 . Br . Cl
 CI COM
 SR CA
 LC STN Files: CA, CAPLUS

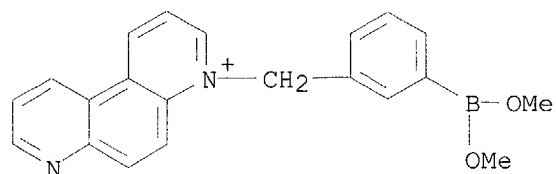


● Br⁻

1 REFERENCES IN FILE CA (1962 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

REFERENCE 1: 137:30199

L16 ANSWER 24 OF 56 REGISTRY COPYRIGHT 2002 ACS
 RN 436853-40-6 REGISTRY
 CN 4,7-Phenanthroline, 4-[[3-(dimethoxyboryl)phenyl]methyl]-, bromide (9CI) (CA INDEX NAME)
 MF C21 H20 B N2 O2 . Br
 SR CA
 LC STN Files: CA, CAPLUS



1 REFERENCES IN FILE CA (1962 TO DATE)
1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

REFERENCE 1: 137:30199

L16 ANSWER 25 OF 56 REGISTRY COPYRIGHT 2002 ACS

RN 436853-38-2 REGISTRY

CN 4,4'-Bipyridinium, 1-[(3-boronophenyl)methyl]-1'-[(4-ethenylphenyl)methyl]-, bromide chloride, polymer with 2-hydroxyethyl 2-methyl-2-propenoate, .alpha.-(2-methyl-1-oxo-2-propenyl)-.omega.-[(2-methyl-1-oxo-2-propenyl)oxy]poly(oxy-1,2-ethanediyl) and N,N,N-trimethyl-3-[(2-methyl-1-oxo-2-propenyl)amino]-1-propanaminium chloride (9CI) (CA INDEX NAME)

MF (C26 H25 B N2 O2 . C10 H21 N2 O . C6 H10 O3 . (C2 H4 O)n C8 H10 O3 . Br . 2 Cl)x

CI PMS

PCT Polyacrylic, Polyether, Polystyrene

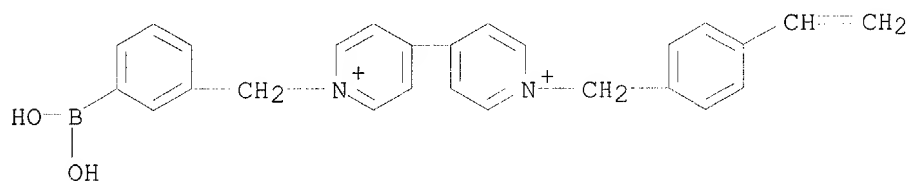
SR CA

LC STN Files: CA, CAPLUS, USPATFULL

CM 1

CRN 436853-33-7 (436853-53-1)

CMF C26 H25 B N2 O2 . Br . Cl



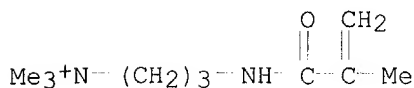
● Br⁻

● Cl⁻

CM 2

CRN 51410-72-1 (51441-64-6)

CMF C10 H21 N2 O . Cl



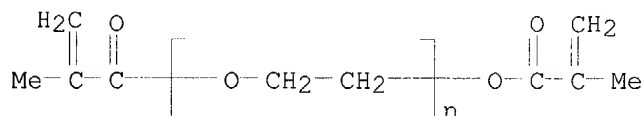
● Cl⁻

CM 3

CRN 25852-47-5

CMF (C2 H4 O)n C8 H10 O3

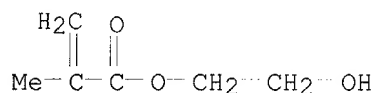
CCI PMS



CM 4

CRN 868-77-9

CMF C6 H10 O3



2 REFERENCES IN FILE CA (1962 TO DATE)
2 REFERENCES IN FILE CAPLUS (1962 TO DATE)

REFERENCE 1: 137:162980

REFERENCE 2: 137:30199

L16 ANSWER 26 OF 56 REGISTRY COPYRIGHT 2002 ACS

RN **436853-37-1** REGISTRY

CN 4,4'-Bipyridinium, 1-[(3-boronophenyl)methyl]-1'-[(4-ethenylphenyl)methyl]-, bromide chloride, polymer with 2-hydroxyethyl 2-methyl-2-propenoate and N,N,N-trimethyl-3-[(2-methyl-1-oxo-2-propenyl)amino]-1-propanaminium chloride (9CI) (CA INDEX NAME)

MF (C26 H25 B N2 O2 . C10 H21 N2 O . C6 H10 O3 . Br . 2 Cl)x

CI PMS

PCT Polyacrylic, Polystyrene

SR CA

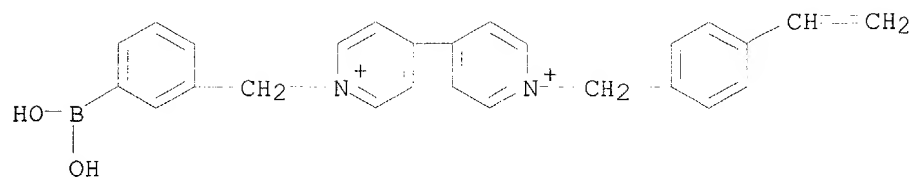
LC STN Files: CA, CAPLUS, USPATFULL

CM 1

CRN 436853-33-7 (436853-53-1)

CMF C26 H25 B N2 O2 . Br . Cl

RUSSEL 09 / 870884



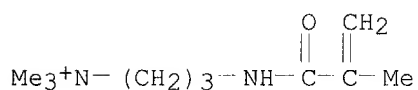
● Br⁻

● Cl⁻

CM 2

CRN 51410-72-1 (51441-64-6)

CMF C10 H21 N2 O . Cl

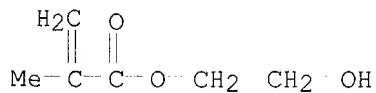


● Cl⁻

CM 3

CRN 868-77-9

CMF C6 H10 O3



2 REFERENCES IN FILE CA (1962 TO DATE)
2 REFERENCES IN FILE CAPLUS (1962 TO DATE)

REFERENCE 1: 137:162980

REFERENCE 2: 137:30199

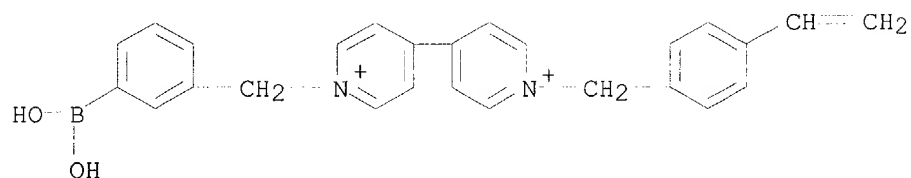
L16 ANSWER 27 OF 56 REGISTRY COPYRIGHT 2002 ACS

RN 436853-33-7 REGISTRY

CN 4,4'-Bipyridinium, 1-[(3-boronophenyl)methyl]-1'-[(4-ethenylphenyl)methyl]-
, bromide chloride (9CI) (CA INDEX NAME)

MF C26 H25 B N2 O2 . Br . Cl

CI COM
SR CA
LC STN Files: CA, CAPLUS, USPATFULL
CRN (436853-53-1)



● Br⁻

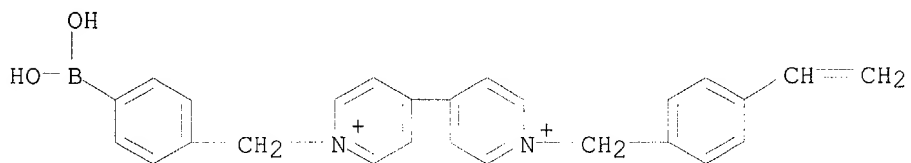
● Cl⁻

2 REFERENCES IN FILE CA (1962 TO DATE)
2 REFERENCES IN FILE CAPLUS (1962 TO DATE)

REFERENCE 1: 137:162980

REFERENCE 2: 137:30199

L16 ANSWER 28 OF 56 REGISTRY COPYRIGHT 2002 ACS
RN **436853-32-6** REGISTRY
CN 4,4'-Bipyridinium, 1-[(4-boronophenyl)methyl]-1'-[(4-ethenylphenyl)methyl]-
, bromide chloride (9CI) (CA INDEX NAME)
MF C26 H25 B N2 O2 . Br . Cl
SR CA
LC STN Files: CA, CAPLUS, USPATFULL
CRN (436853-55-3)



● Br⁻

● Cl⁻

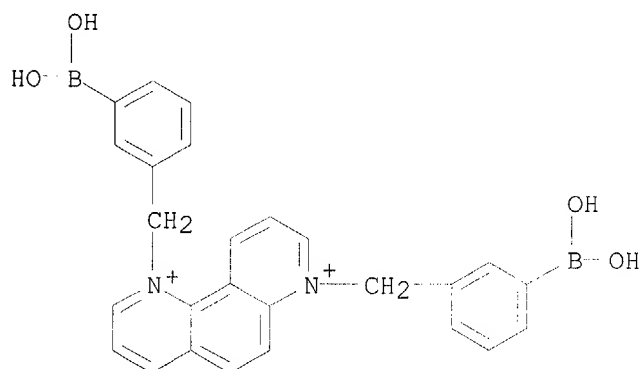
2 REFERENCES IN FILE CA (1962 TO DATE)

2 REFERENCES IN FILE CAPLUS (1962 TO DATE)

REFERENCE 1: 137:162980

REFERENCE 2: 137:30199

L16 ANSWER 29 OF 56 REGISTRY COPYRIGHT 2002 ACS
 RN **436853-31-5** REGISTRY
 CN 1,7-Phenanthroline, 1,7-bis[(3-boronophenyl)methyl]-, dibromide (9CI)
 (CA INDEX NAME)
 MF C26 H24 B2 N2 O4 . 2 Br
 SR CA
 LC STN Files: CA, CAPLUS, USPATFULL



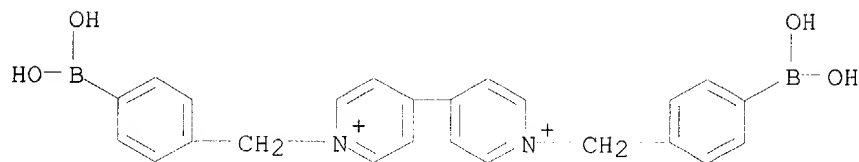
● 2 Br⁻

2 REFERENCES IN FILE CA (1962 TO DATE)
 2 REFERENCES IN FILE CAPLUS (1962 TO DATE)

REFERENCE 1: 137:162980

REFERENCE 2: 137:30199

L16 ANSWER 30 OF 56 REGISTRY COPYRIGHT 2002 ACS
 RN **436853-30-4** REGISTRY
 CN 4,4'-Bipyridinium, 1,1'-bis[(4-boronophenyl)methyl]-, dibromide (9CI) (CA
 INDEX NAME)
 MF C24 H24 B2 N2 O4 . 2 Br
 SR CA
 LC STN Files: CA, CAPLUS, USPATFULL
 CRN (436853-69-9)



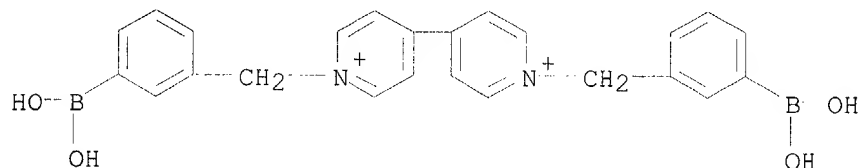
● 2 Br⁻

2 REFERENCES IN FILE CA (1962 TO DATE)
2 REFERENCES IN FILE CAPLUS (1962 TO DATE)

REFERENCE 1: 137:162980

REFERENCE 2: 137:30199

L16 ANSWER 31 OF 56 REGISTRY COPYRIGHT 2002 ACS
RN **436853-29-1** REGISTRY
CN 4,4'-Bipyridinium, 1,1'-bis[(3-boronophenyl)methyl]-, dibromide (9CI) (CA INDEX NAME)
MF C24 H24 B2 N2 O4 . 2 Br
SR CA
LC STN Files: CA, CAPLUS, USPATFULL



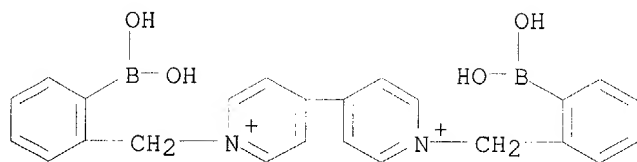
● 2 Br⁻

2 REFERENCES IN FILE CA (1962 TO DATE)
2 REFERENCES IN FILE CAPLUS (1962 TO DATE)

REFERENCE 1: 137:162980

REFERENCE 2: 137:30199

L16 ANSWER 32 OF 56 REGISTRY COPYRIGHT 2002 ACS
RN **420816-02-0** REGISTRY
CN 4,4'-Bipyridinium, 1,1'-bis[(2-boronophenyl)methyl]-, dibromide (9CI) (CA INDEX NAME)
MF C24 H24 B2 N2 O4 . 2 Br
SR CA
LC STN Files: CA, CAPLUS, USPATFULL
CRN (436853-68-8)



● 2 Br⁻

3 REFERENCES IN FILE CA (1962 TO DATE)
3 REFERENCES IN FILE CAPLUS (1962 TO DATE)

REFERENCE 1: 137:162980

REFERENCE 2: 137:30199

REFERENCE 3: 136:352165

L16 ANSWER 33 OF 56 REGISTRY COPYRIGHT 2002 ACS

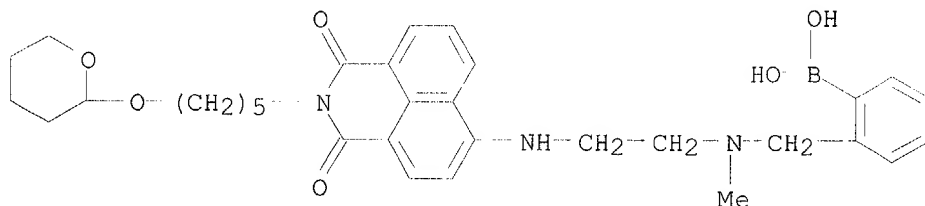
RN **391634-53-0** REGISTRY

CN Boronic acid, [2-[[[2-[[2,3-dihydro-1,3-dioxo-2-[5-[(tetrahydro-2H-pyran-2-yl)oxy]pentyl]-1H-benz[de]isoquinolin-6-yl]amino]ethyl]methylamino]methyl]phenyl]- (9CI) (CA INDEX NAME)

MF C32 H40 B N3 O6

SR CA

LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

2 REFERENCES IN FILE CA (1962 TO DATE)
2 REFERENCES IN FILE CAPLUS (1962 TO DATE)

REFERENCE 1: 136:115099

REFERENCE 2: 134:234017

L16 ANSWER 34 OF 56 REGISTRY COPYRIGHT 2002 ACS

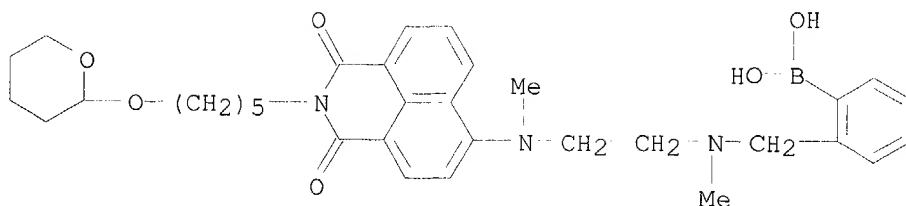
RN **391634-52-9** REGISTRY

CN Boronic acid, [2-[[[2-[[2,3-dihydro-1,3-dioxo-2-[5-[(tetrahydro-2H-pyran-2-yl)oxy]pentyl]-1H-benz[de]isoquinolin-6-yl]methylamino]ethyl]methylamino]methyl]phenyl]- (9CI) (CA INDEX NAME)

MF C33 H42 B N3 O6

SR CA

LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

2 REFERENCES IN FILE CA (1962 TO DATE)
2 REFERENCES IN FILE CAPLUS (1962 TO DATE)

REFERENCE 1: 136:115099

REFERENCE 2: 134:234017

L16 ANSWER 35 OF 56 REGISTRY COPYRIGHT 2002 ACS

RN **330671-17-5** REGISTRY

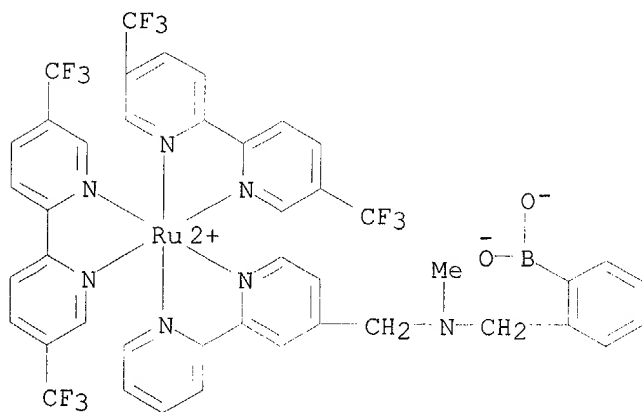
CN Ruthenium, [[2-[[[([2,2'-bipyridin]-4-yl-.kappa.N1,.kappa.N1')methyl]methy
lamino]methyl]phenyl]boronato(2-)]bis[5,5'-bis(trifluoromethyl)-2,2'-
bipyridine-.kappa.N1,.kappa.N1']-, (OC-6-31)- (9CI) (CA INDEX NAME)

MF C43 H30 B F12 N7 O2 Ru . 2 H

CI CCS

SR CA

LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL



● 2 H⁺

2 REFERENCES IN FILE CA (1962 TO DATE)
2 REFERENCES IN FILE CAPLUS (1962 TO DATE)

REFERENCE 1: 136:115099

REFERENCE 2: 134:234017

L16 ANSWER 36 OF 56 REGISTRY COPYRIGHT 2002 ACS

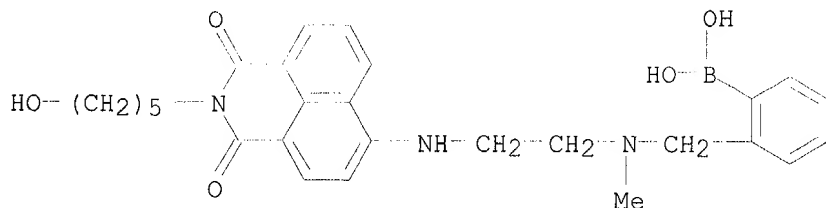
RN **330649-58-6** REGISTRY

CN Boronic acid, [2-[[[2-[[2,3-dihydro-2-(5-hydroxypentyl)-1,3-dioxo-1H-benz[de]isoquinolin-6-yl]amino]ethyl]methylamino]methyl]phenyl]- (9CI)
(CA INDEX NAME)

MF C27 H32 B N3 O5

SR CA

LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

2 REFERENCES IN FILE CA (1962 TO DATE)

2 REFERENCES IN FILE CAPLUS (1962 TO DATE)

REFERENCE 1: 136:115099

REFERENCE 2: 134:234017

L16 ANSWER 37 OF 56 REGISTRY COPYRIGHT 2002 ACS

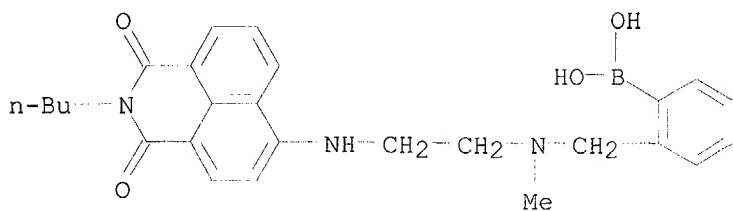
RN **330649-57-5** REGISTRY

CN Boronic acid, [2-[[[2-[(2-butyl-2,3-dihydro-1,3-dioxo-1H-benz[de]isoquinolin-6-yl)amino]ethyl]methylamino]methyl]phenyl]- (9CI)
(CA INDEX NAME)

MF C26 H30 B N3 O4

SR CA

LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

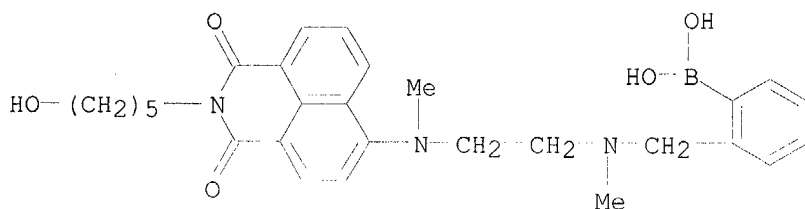
2 REFERENCES IN FILE CA (1962 TO DATE)

2 REFERENCES IN FILE CAPLUS (1962 TO DATE)

REFERENCE 1: 136:115099

REFERENCE 2: 134:234017

L16 ANSWER 38 OF 56 REGISTRY COPYRIGHT 2002 ACS
 RN **330649-56-4** REGISTRY
 CN Boronic acid, [2-[[[2-[[2,3-dihydro-2-(5-hydroxypentyl)-1,3-dioxo-1H-benz[de]isoquinolin-6-yl]methylamino]ethyl]methylamino]methyl]phenyl]-(9CI) (CA INDEX NAME)
 MF C28 H34 B N3 O5
 SR CA
 LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL



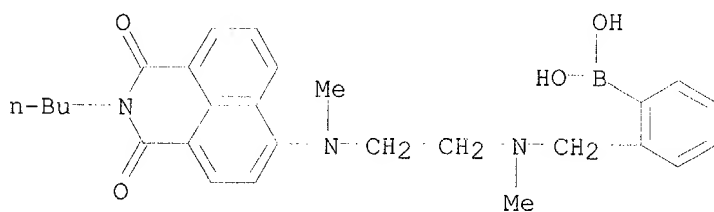
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

2 REFERENCES IN FILE CA (1962 TO DATE)
 2 REFERENCES IN FILE CAPLUS (1962 TO DATE)

REFERENCE 1: 136:115099

REFERENCE 2: 134:234017

L16 ANSWER 39 OF 56 REGISTRY COPYRIGHT 2002 ACS
 RN **330649-55-3** REGISTRY
 CN Boronic acid, [2-[[[2-[(2-butyl-2,3-dihydro-1,3-dioxo-1H-benz[de]isoquinolin-6-yl)methylamino]ethyl]methylamino]methyl]phenyl]-(9CI) (CA INDEX NAME)
 MF C27 H32 B N3 O4
 SR CA
 LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

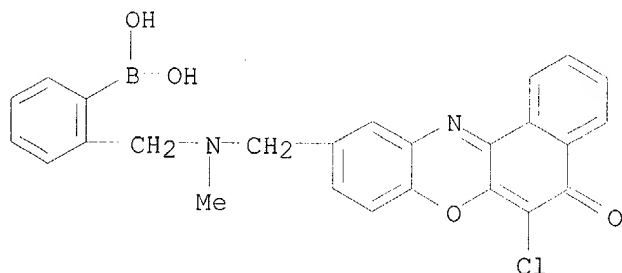
3 REFERENCES IN FILE CA (1962 TO DATE)
 1 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 3 REFERENCES IN FILE CAPLUS (1962 TO DATE)

REFERENCE 1: 136:115099

REFERENCE 2: 135:285344

REFERENCE 3: 134:234017

L16 ANSWER 40 OF 56 REGISTRY COPYRIGHT 2002 ACS
 RN **330649-45-1** REGISTRY
 CN Boronic acid, [2-[[[(6-chloro-5-oxo-5H-benzo[a]phenoxazin-10-yl)methyl]methylamino]methyl]phenyl]- (9CI) (CA INDEX NAME)
 OTHER NAMES:
 CN COB
 MF C25 H20 B Cl N2 O4
 SR CA
 LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

4 REFERENCES IN FILE CA (1962 TO DATE)
 1 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 4 REFERENCES IN FILE CAPLUS (1962 TO DATE)

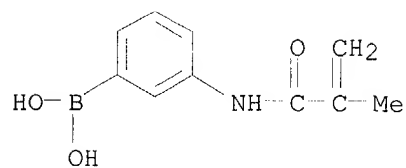
REFERENCE 1: 136:115099
 REFERENCE 2: 135:300669
 REFERENCE 3: 135:285344
 REFERENCE 4: 134:234017

L16 ANSWER 41 OF 56 REGISTRY COPYRIGHT 2002 ACS
 RN **136292-61-0** REGISTRY
 CN 2-Propenoic acid, 2-methyl-, monoester with 1,2,3-propanetriol, polymer with N,N'-methylenebis[2-propenamide], [3-[(2-methyl-1-oxo-2-propenyl)amino]phenyl]boronic acid and 2-propenamide (9CI) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN 2-Propenamide, N,N'-methylenebis-, polymer with [3-[(2-methyl-1-oxo-2-propenyl)amino]phenyl]boronic acid, 1,2,3-propanetriol mono(2-methyl-2-propenoate) and 2-propenamide (9CI)
 CN 2-Propenamide, polymer with N,N'-methylenebis[2-propenamide], [3-[(2-methyl-1-oxo-2-propenyl)amino]phenyl]boronic acid and 1,2,3-propanetriol mono(2-methyl-2-propenoate) (9CI)
 CN Boronic acid, [3-[(2-methyl-1-oxo-2-propenyl)amino]phenyl]-, polymer with N,N'-methylenebis[2-propenamide], 1,2,3-propanetriol mono(2-methyl-2-propenoate) and 2-propenamide (9CI)
 MF (C10 H12 B N O3 . C7 H12 O4 . C7 H10 N2 O2 . C3 H5 N O)x
 CI PMS
 PCT Polyacrylic, Polyester, Polyether
 SR CA
 LC STN Files: CA, CAPLUS, USPATFULL

CM 1

CRN 48150-45-4

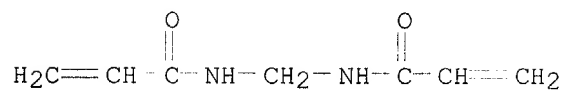
CMF C10 H12 B N O3



CM 2

CRN 110-26-9

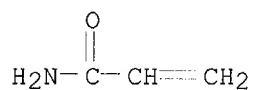
CMF C7 H10 N2 O2



CM 3

CRN 79-06-1

CMF C3 H5 N O



CM 4

CRN 50853-28-6

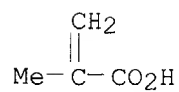
CMF C7 H12 O4

CCI IDS

CM 5

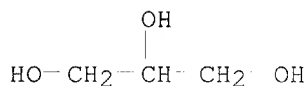
CRN 79-41-4

CMF C4 H6 O2



CM 6

CRN 56-81-5
CMF C3 H8 O3



1 REFERENCES IN FILE CA (1962 TO DATE)
1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

REFERENCE 1: 115:142250

L16 ANSWER 42 OF 56 REGISTRY COPYRIGHT 2002 ACS

RN **136162-12-4** REGISTRY

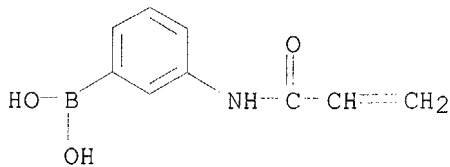
CN 2-Propenoic acid, 2-methyl-, 1,2-ethanediyl ester, polymer with N,N-dimethyl-2-propenamide, [3-[(1-oxo-2-propenyl)amino]phenyl]boronic acid and 1,2,3-propanetriol mono(2-methyl-2-propenoate) (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN 2-Propenamide, N,N-dimethyl-, polymer with 1,2-ethanediyl bis(2-methyl-2-propenoate), [3-[(1-oxo-2-propenyl)amino]phenyl]boronic acid and 1,2,3-propanetriol mono(2-methyl-2-propenoate) (9CI)
CN 2-Propenoic acid, 2-methyl-, monoester with 1,2,3-propanetriol, polymer with N,N-dimethyl-2-propenamide, 1,2-ethanediyl bis(2-methyl-2-propenoate) and [3-[(1-oxo-2-propenyl)amino]phenyl]boronic acid (9CI)
CN Boronic acid, [3-[(1-oxo-2-propenyl)amino]phenyl]-, polymer with N,N-dimethyl-2-propenamide, 1,2-ethanediyl bis(2-methyl-2-propenoate) and 1,2,3-propanetriol mono(2-methyl-2-propenoate) (9CI)
MF (C10 H14 O4 . C9 H10 B N O3 . C7 H12 O4 . C5 H9 N O)x
CI PMS
PCT Polyacrylic, Polyester, Polyother
SR CA
LC STN Files: CA, CAPLUS, USPATFULL

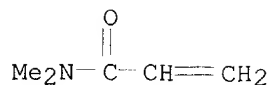
CM 1

CRN 99349-68-5
CMF C9 H10 B N O3



CM 2

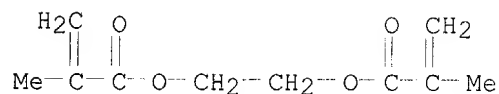
CRN 2680-03-7
CMF C5 H9 N O



CM 3

CRN 97-90-5

CMF C10 H14 O4



CM 4

CRN 50853-28-6

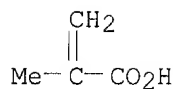
CMF C7 H12 O4

CCI IDS

CM 5

CRN 79-41-4

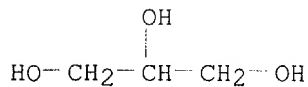
CMF C4 H6 O2



CM 6

CRN 56-81-5

CMF C3 H8 O3



1 REFERENCES IN FILE CA (1962 TO DATE)

1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

REFERENCE 1: 115:142250

L16 ANSWER 43 OF 56 REGISTRY COPYRIGHT 2002 ACS

RN **136162-11-3** REGISTRY

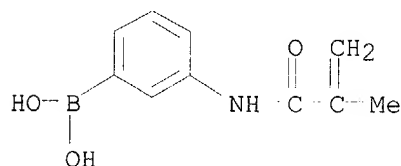
CN 2-Propenoic acid, 2-methyl-, 1,2-ethanediyl ester, polymer with
N,N-dimethyl-2-propenamide, [3-[(2-methyl-1-oxo-2-
propenyl)amino]phenyl]boronic acid and 1,2,3-propanetriol
mono(2-methyl-2-propenoate) (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN 2-Propenamide, N,N-dimethyl-, polymer with 1,2-ethanediyl bis(2-methyl-2-propenoate), [3-[(2-methyl-1-oxo-2-propenyl)amino]phenyl]boronic acid and 1,2,3-propanetriol mono(2-methyl-2-propenoate) (9CI)
 CN 2-Propenoic acid, 2-methyl-, monoester with 1,2,3-propanetriol, polymer with N,N-dimethyl-2-propenamide, 1,2-ethanediyl bis(2-methyl-2-propenoate) and [3-[(2-methyl-1-oxo-2-propenyl)amino]phenyl]boronic acid (9CI)
 CN Boronic acid, [3-[(2-methyl-1-oxo-2-propenyl)amino]phenyl]-, polymer with N,N-dimethyl-2-propenamide, 1,2-ethanediyl bis(2-methyl-2-propenoate) and 1,2,3-propanetriol mono(2-methyl-2-propenoate) (9CI)
 MF (C10 H14 O4 . C10 H12 B N O3 . C7 H12 O4 . C5 H9 N O)x
 CI PMS
 PCT Polyacrylic, Polyester, Polyether
 SR CA
 LC STN Files: CA, CAPLUS, USPATFULL

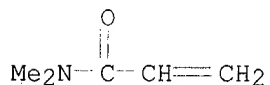
CM 1

CRN 48150-45-4
 CMF C10 H12 B N O3



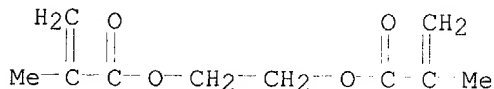
CM 2

CRN 2680-03-7
 CMF C5 H9 N O



CM 3

CRN 97-90-5
 CMF C10 H14 O4

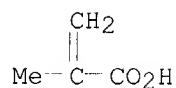


CM 4

CRN 50853-28-6
 CMF C7 H12 O4
 CCI IDS

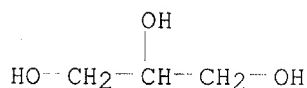
CM 5

CRN 79-41-4
CMF C4 H6 O2



CM 6

CRN 56-81-5
CMF C3 H8 O3



1 REFERENCES IN FILE CA (1962 TO DATE)
1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

REFERENCE 1: 115:142250

L16 ANSWER 44 OF 56 REGISTRY COPYRIGHT 2002 ACS

RN **136161-94-9** REGISTRY

CN Boronic acid, (4-ethenylphenyl)-, polymer with diethenylbenzene and ethenylethylbenzene (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Benzene, diethenyl-, polymer with ethenylethylbenzene and (4-ethenylphenyl)boronic acid (9CI)

CN Benzene, ethenylethyl-, polymer with diethenylbenzene and (4-ethenylphenyl)boronic acid (9CI)

MF (C10 H12 . C10 H10 . C8 H9 B O2)x

CI PMS

PCT Polystyrene

SR CA

LC STN Files: CA, CAPLUS, USPATFULL

CM 1

CRN 28106-30-1
CMF C10 H12
CCI IDS



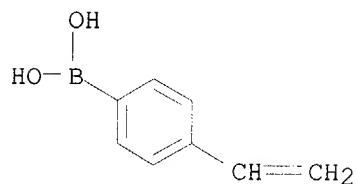
D1-CH=CH2

D1-Et

CM 2

CRN 2156-04-9

CMF C8 H9 B O2



CM 3

CRN 1321-74-0

CMF C10 H10

CCI IDS



2 [D1-CH=CH2]

1 REFERENCES IN FILE CA (1962 TO DATE)
 1 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

REFERENCE 1: 115:142250

L16 ANSWER 45 OF 56 REGISTRY COPYRIGHT 2002 ACS

RN **136043-38-4** REGISTRY

CN 2-Propenoic acid, 2-methyl-, 1,2-ethanediyl ester, polymer with
 N,N-dimethyl-2-propenamide and [3-[(2-methyl-1-oxo-2-
 propenyl)amino]phenyl]boronic acid (9CI) (CA INDEX NAME)

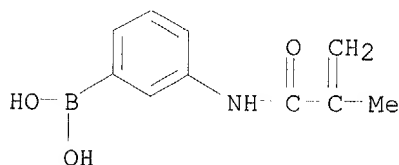
OTHER CA INDEX NAMES:

CN 2-Propenamide, N,N-dimethyl-, polymer with 1,2-ethanediyl
bis(2-methyl-2-propenoate) and [3-[(2-methyl-1-oxo-2-
propenyl)amino]phenyl]boronic acid (9CI)
CN Boronic acid, [3-[(2-methyl-1-oxo-2-propenyl)amino]phenyl]-, polymer with
N,N-dimethyl-2-propenamide and 1,2-ethanediyl bis(2-methyl-2-propenoate)
(9CI)
MF (C10 H14 O4 . C10 H12 B N O3 . C5 H9 N O)x
CI PMS
PCT Polyacrylic
SR CA
LC STN Files: CA, CAPLUS, USPATFULL

CM 1

CRN 48150-45-4

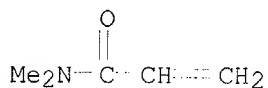
CMF C10 H12 B N O3



CM 2

CRN 2680-03-7

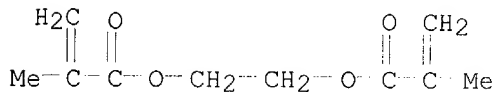
CMF C5 H9 N O



CM 3

CRN 97-90-5

CMF C10 H14 O4



1 REFERENCES IN FILE CA (1962 TO DATE)

1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

REFERENCE 1: 115:142250

L16 ANSWER 46 OF 56 REGISTRY COPYRIGHT 2002 ACS

RN 136043-37-3 REGISTRY

CN 2-Propenoic acid, 2-methyl-, 1,2-ethanediyl ester, polymer with
2-(diethylamino)ethyl 2-methyl-2-propenoate, 2-hydroxyethyl

2-methyl-2-propenoate and [3-[(2-methyl-1-oxo-2-propenyl)amino]phenyl]boronic acid (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN 2-Propenoic acid, 2-methyl-, 2-(diethylamino)ethyl ester, polymer with 1,2-ethanediyl bis(2-methyl-2-propenoate), 2-hydroxyethyl 2-methyl-2-propenoate and [3-[(2-methyl-1-oxo-2-propenyl)amino]phenyl]boronic acid (9CI)

CN 2-Propenoic acid, 2-methyl-, 2-hydroxyethyl ester, polymer with 2-(diethylamino)ethyl 2-methyl-2-propenoate, 1,2-ethanediyl bis(2-methyl-2-propenoate) and [3-[(2-methyl-1-oxo-2-propenyl)amino]phenyl]boronic acid (9CI)

CN Boronic acid, [3-[(2-methyl-1-oxo-2-propenyl)amino]phenyl]-, polymer with 2-(diethylamino)ethyl 2-methyl-2-propenoate, 1,2-ethanediyl bis(2-methyl-2-propenoate) and 2-hydroxyethyl 2-methyl-2-propenoate (9CI)

MF (C10 H19 N O2 . C10 H14 O4 . C10 H12 B N O3 . C6 H10 O3)x

CI PMS

PCT Polyacrylic

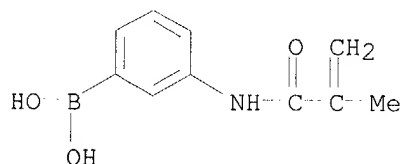
SR CA

LC STN Files: CA, CAPLUS, USPATFULL

CM 1

CRN 48150-45-4

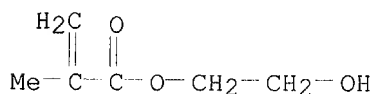
CMF C10 H12 B N O3



CM 2

CRN 868-77-9

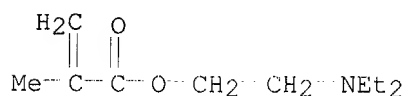
CMF C6 H10 O3



CM 3

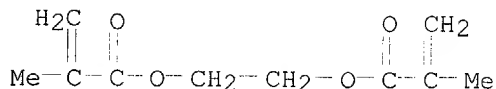
CRN 105-16-8

CMF C10 H19 N O2



CM 4

CRN 97-90-5
CMF C10 H14 O4



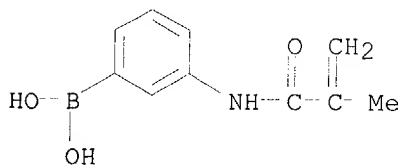
1 REFERENCES IN FILE CA (1962 TO DATE)
1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

REFERENCE 1: 115:142250

L16 ANSWER 47 OF 56 REGISTRY COPYRIGHT 2002 ACS
RN **136043-36-2** REGISTRY
CN 2-Propenoic acid, 2-methyl-, 1,2-ethanediyl ester, polymer with
2-hydroxyethyl 2-methyl-2-propenoate and [3-[(2-methyl-1-oxo-2-
propenyl)amino]phenyl]boronic acid (9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN 2-Propenoic acid, 2-methyl-, 2-hydroxyethyl ester, polymer with
1,2-ethanediyl bis(2-methyl-2-propenoate) and [3-[(2-methyl-1-oxo-2-
propenyl)amino]phenyl]boronic acid (9CI)
CN Boronic acid, [3-[(2-methyl-1-oxo-2-propenyl)amino]phenyl]-, polymer with
1,2-ethanediyl bis(2-methyl-2-propenoate) and 2-hydroxyethyl
2-methyl-2-propenoate (9CI)
MF (C10 H14 O4 . C10 H12 B N O3 . C6 H10 O3)x
CI PMS
PCT Polyacrylic
SR CA
LC STN Files: CA, CAPLUS, USPATFULL

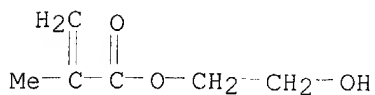
CM 1

CRN 48150-45-4
CMF C10 H12 B N O3



CM 2

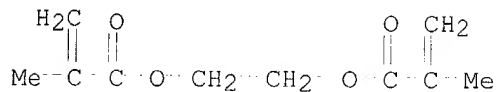
CRN 868-77-9
CMF C6 H10 O3



CM 3

CRN 97-90-5

CMF C10 H14 O4



1 REFERENCES IN FILE CA (1962 TO DATE)

1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

REFERENCE 1: 115:142250

L16 ANSWER 48 OF 56 REGISTRY COPYRIGHT 2002 ACS

RN 136043-35-1 REGISTRY

CN Boronic acid, [3-[(1-oxo-2-propenyl)amino]phenyl]-, polymer with 2-propenamide, compd. with ethenol homopolymer (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN 2-Propenamide, polymer with [3-[(1-oxo-2-propenyl)amino]phenyl]boronic acid, compd. with ethenol homopolymer (9CI)

CN Ethenol, homopolymer, compd. with [3-[(1-oxo-2-propenyl)amino]phenyl]boronic acid polymer with 2-propenamide (9CI)

MF (C9 H10 B N O3 . C3 H5 N O)x . (C2 H4 O)x

PCT Polyacrylic, Polyvinyl

SR CA

LC STN Files: CA, CAPLUS, USPATFULL

CM 1

CRN 136043-34-0

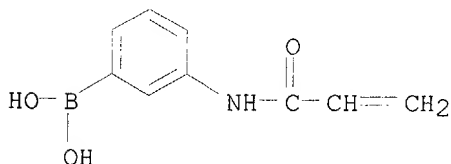
CMF (C9 H10 B N O3 . C3 H5 N O)x

CCI PMS

CM 2

CRN 99349-68-5

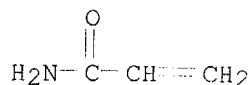
CMF C9 H10 B N O3



CM 3

CRN 79-06-1

CMF C3 H5 N O



CM 4

CRN 9002-89-5
CMF (C2 H4 O)x
CCI PMS

CM 5

CRN 557-75-5
CMF C2 H4 O



1 REFERENCES IN FILE CA (1962 TO DATE)
1 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

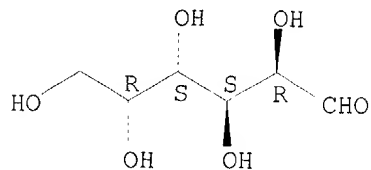
REFERENCE 1: 115:142250

L16 ANSWER 49 OF 56 REGISTRY COPYRIGHT 2002 ACS
RN 136043-33-9 REGISTRY
CN D-Galactose, homopolymer, compd. with 1-ethenyl-2-pyrrolidinone polymer with [3-[(1-oxo-2-propenyl)amino]phenyl]boronic acid (9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN 2-Pyrrolidinone, 1-ethenyl-, polymer with [3-[(1-oxo-2-propenyl)amino]phenyl]boronic acid, compd. with D-galactose (9CI)
CN Boronic acid, [3-[(1-oxo-2-propenyl)amino]phenyl]-, polymer with 1-ethenyl-2-pyrrolidinone, compd. with D-galactose (9CI)
FS STEREOSEARCH
MF (C9 H10 B N O3 . C6 H9 N O)x . C6 H12 O6
PCT Polyacrylic, Polyvinyl
SR CA
LC STN Files: CA, CAPLUS, USPATFULL

CM 1

CRN 59-23-4
CMF C6 H12 O6

Absolute stereochemistry. Rotation (+).



CM 2

CRN 136043-31-7

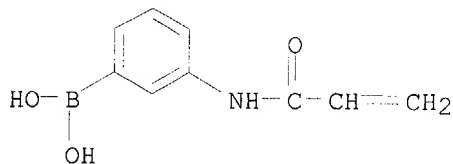
CMF (C9 H10 B N O3 . C6 H9 N O)x

CCI PMS

CM 3

CRN 99349-68-5

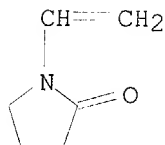
CMF C9 H10 B N O3



CM 4

CRN 88-12-0

CMF C6 H9 N O



1 REFERENCES IN FILE CA (1962 TO DATE)
1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

REFERENCE 1: 115:142250

L16 ANSWER 50 OF 56 REGISTRY COPYRIGHT 2002 ACS

RN **136043-32-8** REGISTRY

CN Boronic acid, [3-[(1-oxo-2-propenyl)amino]phenyl]-, polymer with 1-ethenyl-2-pyrrolidinone, compd. with ethenol homopolymer (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN 2-Pyrrolidinone, 1-ethenyl-, polymer with [3-[(1-oxo-2-propenyl)amino]phenyl]boronic acid, compd. with ethenol homopolymer (9CI)

CN Ethenol, homopolymer, compd. with 1-ethenyl-2-pyrrolidinone polymer with [3-[(1-oxo-2-propenyl)amino]phenyl]boronic acid (9CI)

MF (C9 H10 B N O3 . C6 H9 N O)x . (C2 H4 O)x

PCT Polyacrylic, Polyvinyl

SR CA

LC STN Files: CA, CAPLUS, USPATFULL

CM 1

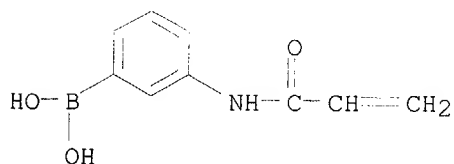
CRN 136043-31-7

CMF (C9 H10 B N O3 . C6 H9 N O)x

CCI PMS

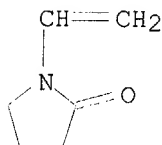
CM 2

CRN 99349-68-5
CMF C9 H10 B N O3



CM 3

CRN 88-12-0
CMF C6 H9 N O

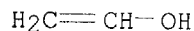


CM 4

CRN 9002-89-5
CMF (C2 H4 O)x
CCI PMS

CM 5

CRN 557-75-5
CMF C2 H4 O



2 REFERENCES IN FILE CA (1962 TO DATE)
2 REFERENCES IN FILE CAPLUS (1962 TO DATE)

REFERENCE 1: 116:262370

REFERENCE 2: 115:142250

L16 ANSWER 51 OF 56 REGISTRY COPYRIGHT 2002 ACS

RN **136043-30-6** REGISTRY

CN Boronic acid, [3-[(2-methyl-1-oxo-2-propenyl)amino]phenyl]-, polymer with N,N'-1,2-ethanediylbis[2-propenamide] and 2-propenamide (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

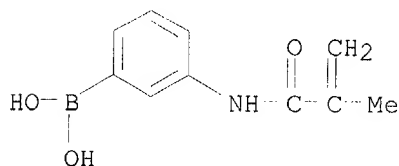
CN 2-Propenamide, N,N'-1,2-ethanediylbis-, polymer with [3-[(2-methyl-1-oxo-2-propenyl)amino]phenyl]boronic acid and 2-propenamide (9CI)

CN 2-Propenamide, polymer with N,N'-1,2-ethanediylbis[2-propenamide] and

MF [3-[(2-methyl-1-oxo-2-propenyl)amino]phenyl]boronic acid (9CI)
 CI (C10 H12 B N O3 . C8 H12 N2 O2 . C3 H5 N O)x
 PMS
 PCT Polyacrylic
 SR CA
 LC STN Files: CA, CAPLUS, USPATFULL

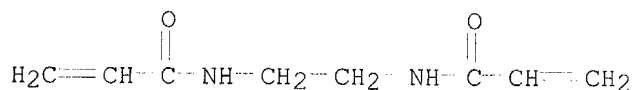
CM 1

CRN 48150-45-4
 CMF C10 H12 B N O3



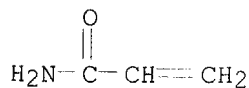
CM 2

CRN 2956-58-3
 CMF C8 H12 N2 O2



CM 3

CRN 79-06-1
 CMF C3 H5 N O



1 REFERENCES IN FILE CA (1962 TO DATE)
 1 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

REFERENCE 1: 115:142250

L16 ANSWER 52 OF 56 REGISTRY COPYRIGHT 2002 ACS

RN **136043-29-3** REGISTRY

CN Boronic acid, [3-[(2-methyl-1-oxo-2-propenyl)amino]phenyl]-, polymer with N,N'-methylenebis[2-propenamide] and 2-propenamide (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

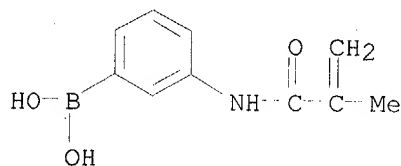
CN 2-Propenamide, N,N'-methylenebis-, polymer with [3-[(2-methyl-1-oxo-2-propenyl)amino]phenyl]boronic acid and 2-propenamide (9CI)

CN 2-Propenamide, polymer with N,N'-methylenebis[2-propenamide] and [3-[(2-methyl-1-oxo-2-propenyl)amino]phenyl]boronic acid (9CI)

MF (C10 H12 B N O3 . C7 H10 N2 O2 . C3 H5 N O)x
 CI PMS
 PCT Polyacrylic
 SR CA
 LC STN Files: CA, CAPLUS, USPATFULL

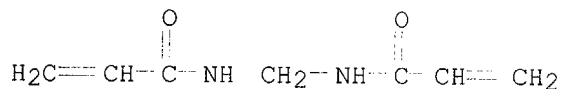
CM 1

CRN 48150-45-4
 CMF C10 H12 B N O3



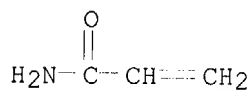
CM 2

CRN 110-26-9
 CMF C7 H10 N2 O2



CM 3

CRN 79-06-1
 CMF C3 H5 N O



7 REFERENCES IN FILE CA (1962 TO DATE)
 1 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 7 REFERENCES IN FILE CAPLUS (1962 TO DATE)

REFERENCE 1: 124:127030
 REFERENCE 2: 123:350108
 REFERENCE 3: 121:117466
 REFERENCE 4: 121:17812
 REFERENCE 5: 119:137328
 REFERENCE 6: 118:229730

REFERENCE 7: 115:142250

L16 ANSWER 53 OF 56 REGISTRY COPYRIGHT 2002 ACS

RN 66472-86-4 REGISTRY

CN Boronic acid, (3-aminophenyl)-, sulfate (2:1) (9CI) (CA INDEX NAME)

OTHER NAMES:

CN (3-Aminophenyl)boric acid hemisulfate

CN (3-Aminophenyl)boronic acid hemisulfate

CN (m-Aminophenyl)boronic acid hemisulfate

MF C6 H8 B N O2 . 1/2 H2 O4 S

LC STN Files: CA, CAPLUS, CASREACT, CHEMCATS, CHEMLIST, CSCHEM, MSDS-OHS, TOXCENTER, USPATFULL

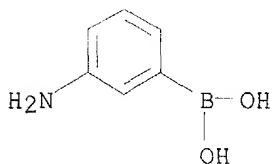
Other Sources: DSL**, EINECS**

(**Enter CHEMLIST File for up-to-date regulatory information)

CM 1

CRN 30418-59-8

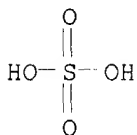
CMF C6 H8 B N O2



CM 2

CRN 7664-93-9

CMF H2 O4 S



55 REFERENCES IN FILE CA (1962 TO DATE)

7 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA

55 REFERENCES IN FILE CAPLUS (1962 TO DATE)

REFERENCE 1: 137:94007

REFERENCE 2: 137:75345

REFERENCE 3: 136:167692

REFERENCE 4: 136:134773

REFERENCE 5: 136:96697

REFERENCE 6: 135:355008

REFERENCE 7: 135:303925

REFERENCE 8: 135:195581

REFERENCE 9: 135:33376

REFERENCE 10: 135:33369

L16 ANSWER 54 OF 56 REGISTRY COPYRIGHT 2002 ACS

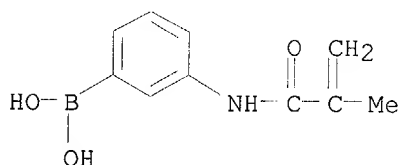
RN **48150-45-4** REGISTRY

CN Boronic acid, [3-[(2-methyl-1-oxo-2-propenyl)amino]phenyl]- (9CI) (CA INDEX NAME)

MF C10 H12 B N O3

CI COM

LC STN Files: BEILSTEIN*, CA, CAPLUS, MEDLINE, TOXCENTER, USPATFULL
(*File contains numerically searchable property data)



****PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT****

8 REFERENCES IN FILE CA (1962 TO DATE)

2 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA

9 REFERENCES IN FILE CAPLUS (1962 TO DATE)

REFERENCE 1: 137:75345

REFERENCE 2: 137:17407

REFERENCE 3: 129:82157

REFERENCE 4: 125:168342

REFERENCE 5: 125:137241

REFERENCE 6: 125:123792

REFERENCE 7: 121:117466

REFERENCE 8: 115:142250

L16 ANSWER 55 OF 56 REGISTRY COPYRIGHT 2002 ACS

RN **16419-60-6** REGISTRY

CN Boronic acid, (2-methylphenyl)- (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN o-Tolueneboronic acid (7CI, 8CI)

OTHER NAMES:

CN (2-Tolyl)boronic acid

CN 2-Methyl-1-phenylboronic acid

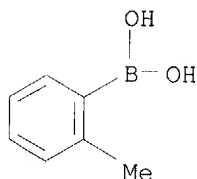
CN 2-Methylbenzeneboronic acid

CN 2-Methylphenylboronic acid

CN 2-Tolueneboronic acid

CN o-Boronotoluene

CN o-Methylphenylboronic acid
 CN o-Tolylboronic acid
 MF C7 H9 B O2
 CI COM
 LC STN Files: BEILSTEIN*, CA, CAOLD, CAPLUS, CASREACT, CEN, CHEMCATS,
 CHEMINFORMRX, CSCHEM, GMELIN*, HODOC*, RTECS*, SYNTHLINE, TOXCENTER,
 USPAT2, USPATFULL
 (*File contains numerically searchable property data)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

316 REFERENCES IN FILE CA (1962 TO DATE)
 4 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 321 REFERENCES IN FILE CAPLUS (1962 TO DATE)
 5 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

REFERENCE 1: 137:296569
 REFERENCE 2: 137:294761
 REFERENCE 3: 137:278926
 REFERENCE 4: 137:263086
 REFERENCE 5: 137:263056
 REFERENCE 6: 137:262831
 REFERENCE 7: 137:262793
 REFERENCE 8: 137:247923
 REFERENCE 9: 137:247602
 REFERENCE 10: 137:232457

L16 ANSWER 56 OF 56 REGISTRY COPYRIGHT 2002 ACS

RN 98-80-6 REGISTRY

CN Boronic acid, phenyl- (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Benzeneboronic acid (6CI, 8CI)

OTHER NAMES:

CN Dihydroxyphenylborane

CN Phenylboric acid

CN Phenylboronic acid

CN Phenylldihydroxyborane

MF C6 H7 B O2

CI COM

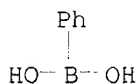
LC STN Files: AGRICOLA, ANABSTR, BEILSTEIN*, BIOBUSINESS, BIOSIS,

BIOTECHNO, CA, CANCERLIT, CAOLD, CAPLUS, CASREACT, CEN, CHEMCATS,
CHEMINFORMRX, CHEMLIST, CIN, CSCHM, EMBASE, GMELIN*, HODOC*, IFICDB,
IFIPAT, IFIUDB, MEDLINE, MRCK*, RTECS*, SPECINFO, SYNTHLINE, TOXCENTER,
USPAT2, USPATFULL

(*File contains numerically searchable property data)

Other Sources: DSL**, EINECS**, TSCA**

(**Enter CHEMLIST File for up-to-date regulatory information)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

2441 REFERENCES IN FILE CA (1962 TO DATE)
84 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
2466 REFERENCES IN FILE CAPLUS (1962 TO DATE)
70 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

REFERENCE	1:	137:295057
REFERENCE	2:	137:295004
REFERENCE	3:	137:294954
REFERENCE	4:	137:294902
REFERENCE	5:	137:294870
REFERENCE	6:	137:294763
REFERENCE	7:	137:294761
REFERENCE	8:	137:294731
REFERENCE	9:	137:290933
REFERENCE	10:	137:289902